



GE APPLIANCES

Zoneline® Vertical Series

Product And Accessories Guide

2026

Hospitality • Multi-Family • Assisted Living • Student Housing



Zoneline® UltimateV12™

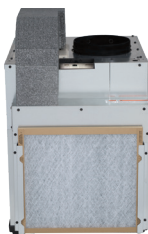


WITH
PERFECT CONTROL
TECHNOLOGY

The GE Zoneline® Ultimate V12™ brings a new level of intelligence and performance to our user friendly line of Vertical Terminal Air Conditioners.

Introducing the NEW 2-ton vertical series to our existing lineup featuring Variable Speed technology and Makeup Air. The Variable speed inverter provides (5,200 – 24,000 BTUs) cooling the maximum space.

Using R454B, the 2-Ton series has achieved the industry's latest energy efficiency requirements



Zoneline VTAC Fact:

RAK190V 2-Way Communication

The variable-speed design of this system paired with the RAK190V 2-Way Communication Thermostat provides the ultimate control. This unit maintains temperature at slower running speeds, which results in the ultimate sound and energy performance.

12-Innovative Features

1 Insta-Platform™

2 Self-Contained Drainage System

3 Fast-Connect Plumbing

4 Self-Aligning,
Lock-In-Place System

5 Quick-Install Plenum

9 Onboard
Diagnostics

10 SmartHQ™ WiFi
Capability

6 Ultra-Quiet

7 Reverse Cycle
Defrost

8 Corrosion
Protection

11 Inverter
Technology

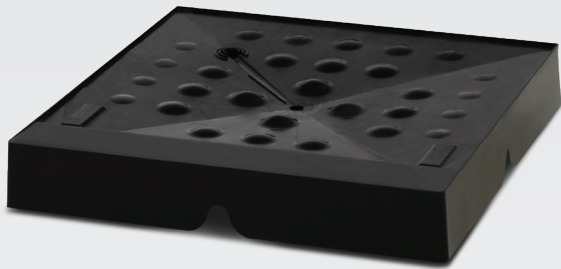
12 Adjustable Speed
Makeup Air

Zonline VTAC Fact:

Save 60% On Installation Time*
Completing installation from the interior
makes installation 60% faster!

*Compared to Friedrich Vert-I-Pak models or GEA AZ91 series models, including installing and building a platform.

Vertical Series Features And Benefits



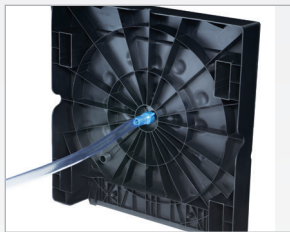
Insta-Platform™

Eliminates the need for on-site customized platform construction, saving time and money.



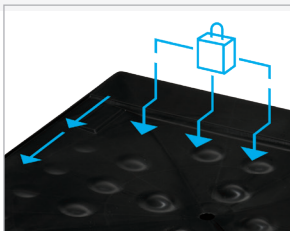
Self-Contained Drainage System

Easy installation allows for simple chassis removal while leaving plumbing completely intact.



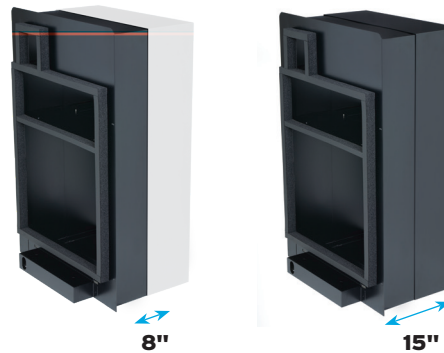
Fast-Connect Plumbing

Allows preliminary plumbing to be connected outside the closet and prior to installing the chassis.



Self-Aligning Lock-In-Place System

The Insta-Platform and the VTAC are self-aligning with a lock-in-place system ensuring the unit is engaged with the plenum gasket.



Quick-Install Plenum

Plenum is easily installed from the interior without the need for exterior building access. Caulking is required. It conveniently expands from 8" to 15" for a custom fit.



Ultra-Quiet

Delivers quiet cooling power with smooth sound for a good night's sleep.



Reverse Cycle Defrost

Advanced defrost capability allows for extended heat pump operation down to 0° F for V11 & V12.

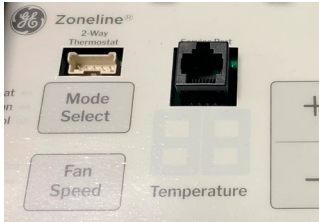


Corrosion Protection

Exclusive rust-proof basepan and bulkhead, double painted compressor, stainless steel end brackets, and painted motor surfaces provide another level of corrosion protection.



DESIGNED &
ASSEMBLED
IN
AMERICA



Onboard Diagnostics

Electronic controls give clear and fast diagnostics data and fault codes, for fast and easy resolution.



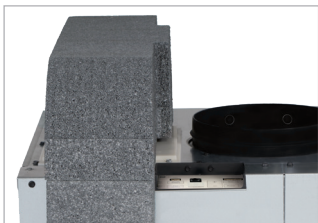
SmartHQ™ WiFi Capability

On-board Wi-Fi SmartHQ™ Management ready* gives property managers the ability to monitor multiple units remotely, enhancing guests' experience. Learn more at smarthqsolutions.com/management
SmartHQ Management subscription required.



Inverter Technology (UltimateV11 and UltimateV12 Models)

Variable-speed operation provides an advantage with shorter recovery time, improved efficiency, sound quality and dehumidification. Consistent room temperature allows for total room comfort.



Adjustable Speed Makeup Air (UltimateV12 models only)

Makeup Air with customizable variable-speed fan technology provides the precise airflow for specific applications. For energy savings, Makeup air delivery can be cycled based on occupancy, using a compatible occupancy detecting thermostat.



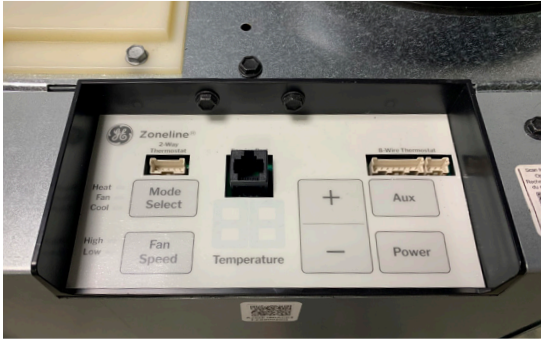
Energy Efficient (all VTAC models)

The U.S. Department of Energy (DOE) enacted new energy efficiency requirements for residential and commercial air conditioners and heat pumps.

GE Appliances' VTAC Series meets the new industry metrics for SEER2, EER2 and HSPF2 standards.

*SmartHQ module part number PBX23W00Y0, PBX23W00Y1 or SHCM10PK (10 Pack).

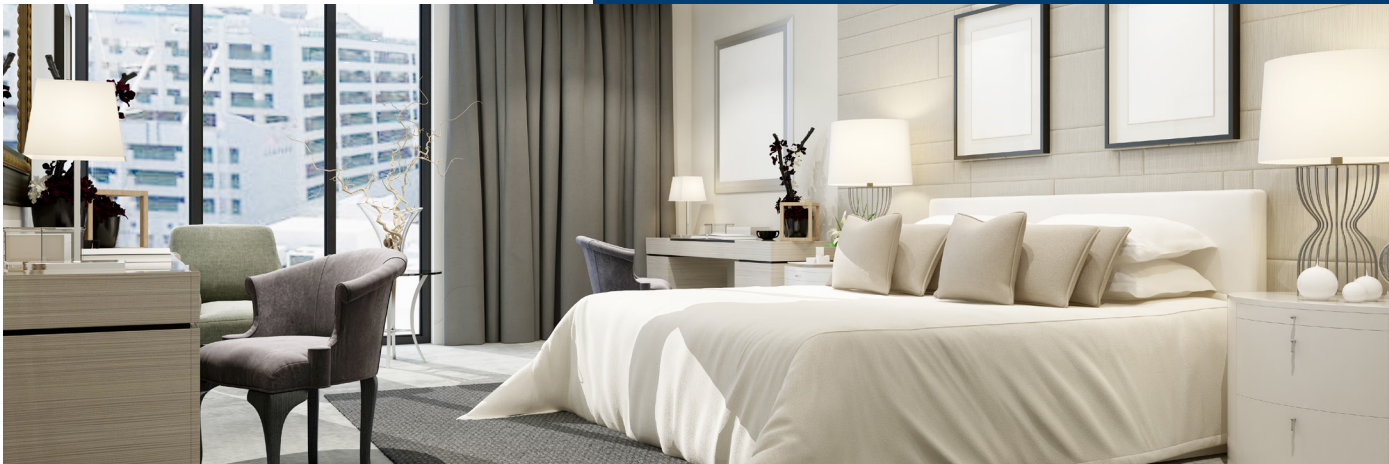
Inverter Technology The Reasons Why



User interface for UltimateV12 and UltimateV11 models

Inverter technology enables variable-speed operation and improves:

- **Temperature Recovery Time**—ensuring occupant comfort by quickly reaching the desired setpoint temperature
- **Efficiency**—aligns compressor output to room needs thereby reducing energy consumption and temperature control
- **Low Ambient Heat Pump**—the variable-speed compressor and advanced defrost capability allows for the best in heat pump operation down to 0° F
- **Two-Way Thermostat Capability**—advanced thermostat communication allows for true compressor speed control and adjusts cooling & dehumidification outputs to precisely match room needs
- **Sound Quality**—operates at slower speeds longer and smoothly changes speed to avoid abrupt start-ups
- **Dehumidification**—with 3 selectable levels of enhanced dehumidification, it maintains comfortable room conditions using variable-speed to reduce humidity, even in challenging environments

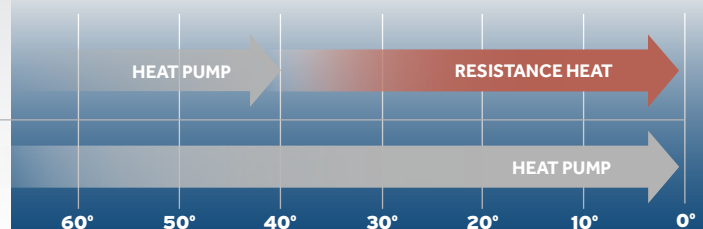


Ultimate V11, and V12 Heat Pump Savings

- Heat Pump operates down to 0° F
- Minimizes use of costly back-up heat

Basic Heat Pump

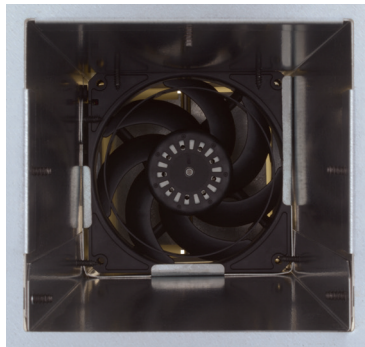
V11 & V12



Makeup Duct Inlet Fan



Open



Closed

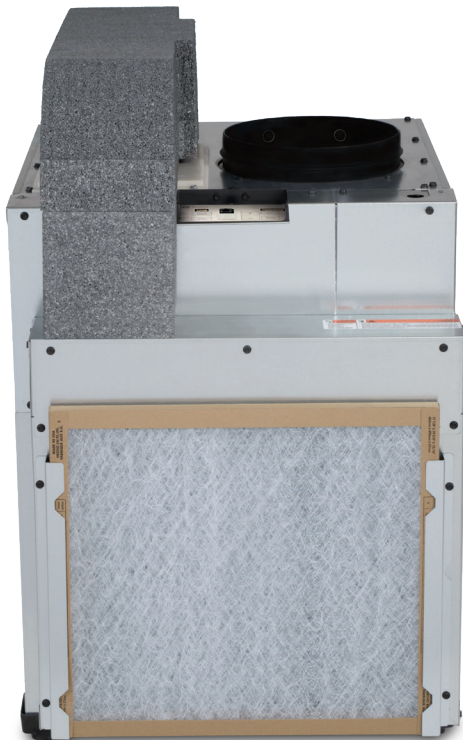
UltimateV12 models only

A dedicated variable speed fan allows for the delivery of room specific volumes of conditioned Makeup air of up to 70 CFM.

The RAK190V thermostat provides the ability to achieve energy savings by cycling Makeup air based on occupancy status.

The RAA13V is an optional MERV 13 filter that reduces dust, pollen, mold, bacteria, viruses and other airborne pathogens from entering the room. It provides cleaner Makeup air to improve overall indoor air quality, with easy access from the front side of unit.

NOTE: V12 models are not recommended for installation within two miles of coastal areas.



Front view



Back view

Adjustable Speed
Makeup Air

Zonline® UltimateV11™



WITH
PERFECT **CONTROL**
TECHNOLOGY

Introducing the **NEW 2-ton vertical series** to our existing lineup featuring Variable-Speed technology.

The Variable speed inverter provides (5,200 – 24,000 BTUs) cooling the maximum space.

Using R454B the 2-Ton series has achieved the industry's latest energy efficiency requirements

Zonline VTAC Fact:

Save 60% On Installation Time*

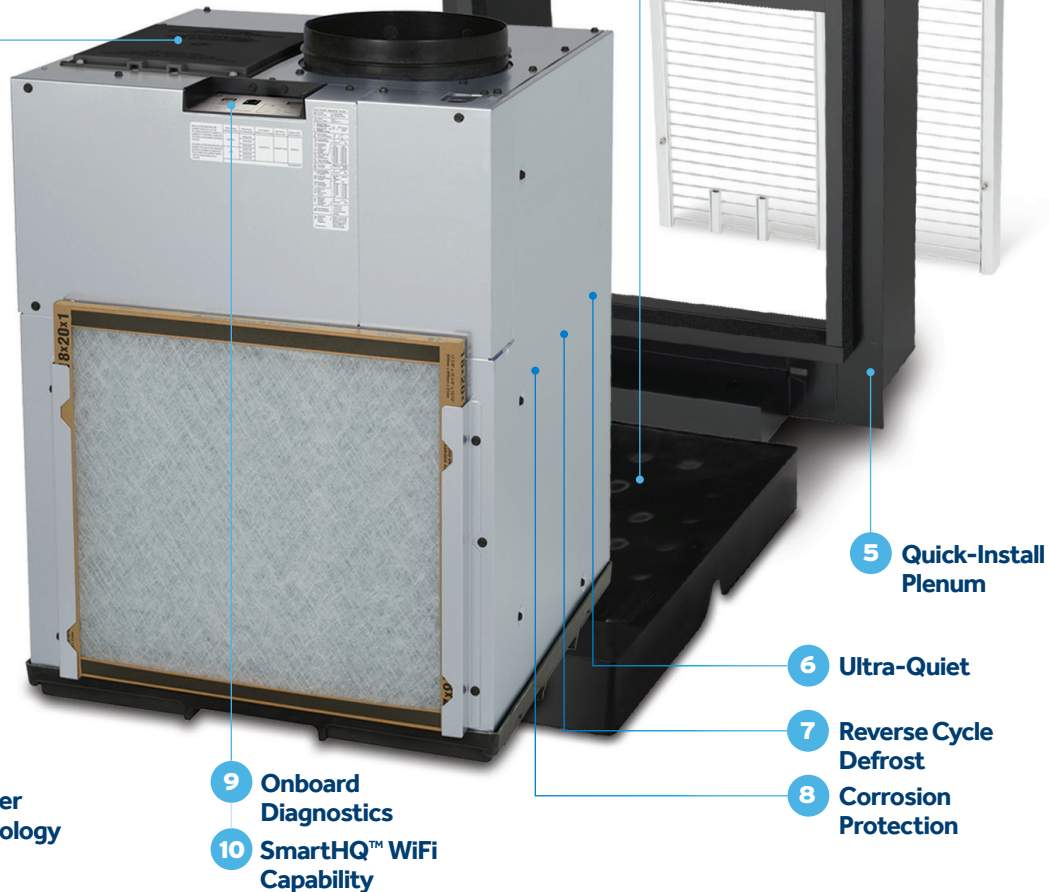
Completing installation from the interior makes installation 60% faster!

1 Insta-Platform™

2 Self-Contained Drainage System

3 Fast-Connect Plumbing

4 Self-Aligning, Lock-In-Place System



5 Quick-Install Plenum

6 Ultra-Quiet

7 Reverse Cycle Defrost

8 Corrosion Protection

11 Inverter Technology

9 Onboard Diagnostics

10 SmartHQ™ WiFi Capability

*Compared to Friedrich Vert-I-Pak models or GEA AZ91 series models, including installing and building a platform.

Zoneline® UltimateV10™



The UltimateV10™ is the industry's first VTAC that can be installed completely from the interior. It features a one-piece **Insta-Platform™**, eliminating the need for on-site construction. Ultra-quiet operation adds to overall room comfort.

Zoneline VTAC Fact:

Save 60% On Installation Time*

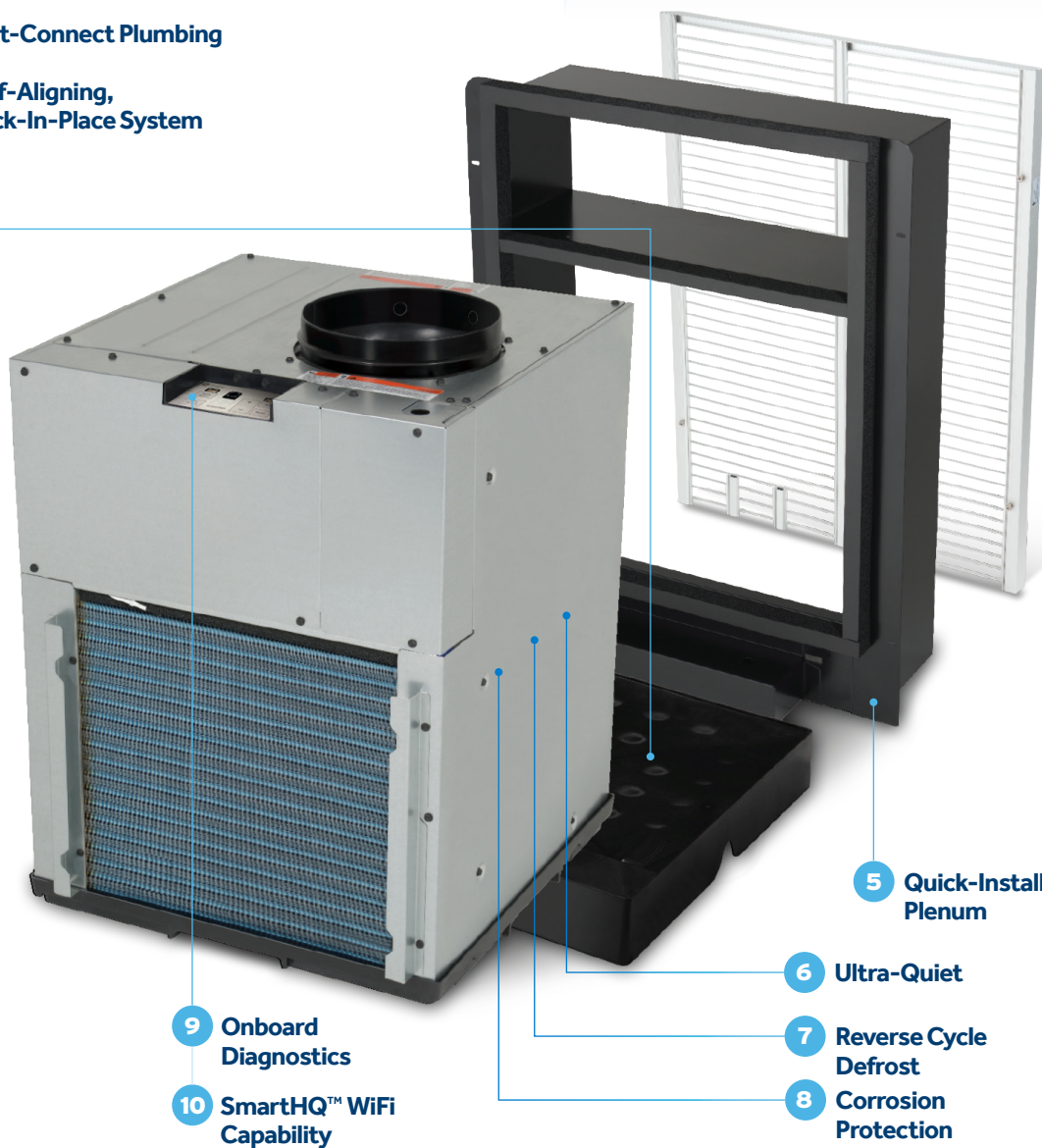
Completing installation from the interior makes installation 60% faster!

1 Insta-Platform™

2 Self-Contained Drainage System

3 Fast-Connect Plumbing

4 Self-Aligning, Lock-In-Place System



5 Quick-Install Plenum

6 Ultra-Quiet

7 Reverse Cycle Defrost

8 Corrosion Protection

9 Onboard Diagnostics

10 SmartHQ™ WiFi Capability

*Compared to Friedrich Vert-I-Pak models or GEA AZ91 series models, including installing and building a platform.

Ultimate V12-2 Ton Series Specifications

Important Notice

Equipment used as a primary source for heating or cooling is an integral part of the building in which it is installed. Proper application is essential for satisfactory performance over a wide range of operating conditions. It is strongly recommended that a professional engineer determine proper application.

If this unit is a replacement unit, its specifications and performance may differ from those of the unit it is replacing. For that reason, we again strongly recommend that a professional engineer determine proper application.

Power Connection Requirements (Resistance Heat)

230-208 Volt		
Power Connection Kit	RAK320D	RAK330D
Heater BTU	11,770/9,629	17,060/13,952
Total Watts	3,568/2,940	5,118/4,207
Heater Watts	3,450/2,822	5,000/4,089
Total Heating Amps	15/13.6	21.7/19.7
MCA	20	30
Recommend Protective Device (MOCP)	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

GE AVVL Series- 230-208V* Heat Pump With Backup Electric Heat & Makeup Air

AVVL24DMXWA

Voltage	230-208
Features	
Rated Cooling BTU	22,400
Cooling BTU Range (95F Outdoor)	5,200 - 24,000
Max Cooling BTU (115F)	20,200
Max Cooling BTU (75F)	27,800
EER2	8.9
SEER2	16.0
Cooling Watts	2,515
Cooling Amps	11.4
Sensible Heat Ratio (SHR)- Nominal Cool, High Fan	70%
Dehumidification (Pints Per Hour)- Nominal Cooling, High Fan	6.6
Makeup Air CFM	30-70 (no filter) 25-70 (with MERV13 Filter Kit)
Refrigerant	R454b, 38.5 oz.
Indoor CFM @ 0.3 ESP (High Fan) Nominal Cooling	715
Heat Pump	
Rated Heat Pump BTU	21,600
Heating BTU Range @ 47F	5,000-23,000
HSPF2	7.7
Heat Pump COP2 @ 47F*	2.74
Heating BTU @ 17F	16,700
Heat Pump COP2 @ 17F	1.94
Heating BTU @ 5F	13,400 Max
Heat Pump COP @ 5F	1.75
Heat Pump Watts	2,360
Heat Pump Amps	10.8
Case Dimensions	
Width (In.)	23-5/8
Depth (In.)	28-3/8
Height (In.)	36-7/8
Net Weight (Lbs.)	145
Approx. Ship. Weight (Lbs.)	158
Closet ID For Front Install (Min.)	29-5/8"W x 32"D
Closet Size For Side Install Using Full Door (Min.)	29-5/8"W x 34"D
Closet Size For Side Install Using RAVRG4B	34"W x 40"D

*230V Performance Data Listed

Projected specifications – subject to change

Ultimate V12-1 Ton Series Specifications

GE AVVL Series- 230-208V* Heat Pump With Backup Electric Heat & Makeup Air

AVVL12DMXWA

Voltage	230-208
Features	
Rated Cooling BTU	12,500
Cooling BTU Range (95F Outdoor)	5,200-16,200
Max Cooling BTU (115F)	11,200
Max Cooling BTU (75F)	20,000
EER2	12.0
SEER2	17.0
Cooling Watts	1,050
Cooling Amps	4.9
Sensible Heat Ratio (SHR)- Nominal Cool, High Fan	77%
Dehumidification (Pints Per Hour)- Nominal Cooling, High Fan	2.8
Makeup Air CFM	30-70 (no filter) 25-70 (with MERV13 Filter Kit)
Refrigerant	R454b, 38.5 oz.
Indoor CFM (Hi/Low) (0.1 ESP)	500/480
Heat Pump	
Rated Heat Pump BTU	11,200
Heating BTU Range @ 47F	4,500-13,000
HSPF2	8.1
Heat Pump COP2 @ 47F*	3.5
Heating BTU @ 17F	9,100
Heat Pump COP2 @ 17F (Nominal/Max)*	2.2
Heat Pump Watts	915
Heat Pump Amps	4.3
Case Dimensions	
Width (In.)	23-5/8
Depth (In.)	28-3/8
Height (In.)	36-7/8
Net Weight (Lbs.)	145
Approx. Ship. Weight (Lbs.)	158
Closet ID For Front Install (Min.)	29-5/8"W x 32"D
Closet Size For Side Install Using Full Door (Min.)	29-5/8"W x 34"D
Closet Size For Side Install RAVRG4B	34"W x 40"D

Important Notice

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If this unit is a replacement unit, its specifications and performance may differ from those of the unit it is replacing. For that reason, we again strongly recommend that a professional engineer determine proper application.

*230V Performance Data Listed

** See installation instructions for side installation details

*Compared to Friedrich Vert-I-Pak models or GEA AZ91 series models, including installing and building a platform.

GE AVVL Series- 265V Heat Pump With Backup Electric Heat & Makeup Air

AVVL12EMXWA

Voltage	265
Features	
Rated Cooling BTU	12,500
Cooling BTU Range (95F Outdoor)	5,200-16,200
Max Cooling BTU (115F)	11,200
Max Cooling BTU (75F)	20,000
EER2	12.0
SEER2	17.0
Cooling Watts	1,040
Cooling Amps	4.2
Sensible Heat Ratio (SHR)- Nominal Cool, High Fan	77%
Dehumidification (Pints Per Hour)- Nominal Cooling, High Fan	2.8
Makeup Air CFM	30-70 (no filter) 25-70 (with MERV13 Filter Kit)
Refrigerant	R454b, 38.5 oz.
Indoor CFM (Hi/Low) (0.1 ESP)	500/480
Heat Pump	
Rated Heat Pump BTU	11,000
Heating BTU Range @ 47F	4,500-13,000
HSPF2	8.1
Heat Pump COP2 @ 47F*	3.5
Heating BTU @ 17F	9,100
Heat Pump COP2 @ 17F (Nominal/Max)*	2.2
Heat Pump Watts	905
Heat Pump Amps	3.7
Case Dimensions	
Width (In.)	23-5/8
Depth (In.)	28-3/8
Height (In.)	36-7/8
Net Weight (Lbs.)	145
Approx. Ship. Weight (Lbs.)	158
Closet ID For Front Install (Min.)	29-5/8"W x 32"D
Closet Size For Side Install Using Full Door (Min.)	29-5/8"W x 34"D
Closet Size For Side Install RAVRG4B	34"W x 40"D

Power Connection Requirements (Resistance Heat)

230-208 Volt			
Power Connection Kit	RAK315D	RAK320D	RAK330D
Heater BTU	8,360/6,838	11,770/9,629	17,060/13,952
Total Watts	2,568/2,122	3,568/2,940	5,118/4,207
Heater Watts	2,450/2,004	3,450/2,822	5,000/4,089
Total Heating Amps	10.7/9.6	15/13.6	21.7/19.7
MCA	15	20	30
Recommend Protective Device (MOCP)	15 Amp Time Delay Fuse Or Breaker	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

Power Connection Requirements (Resistance Heat)

265 Volt			
Power Connection Kit	RAK515D	RAK520D	RAK530D
Heater BTU	8,360	11,770	17,060
Total Watts	2,568	3,568	5,118
Heater Watts	2,450	3,450	5,000
Total Heating Amps	9.2	13	18.9
MCA	15	20	30
Recommend Protective Device (MOCP)	15 Amp Time Delay Fuse Or Breaker	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

Projected specifications – subject to change

Ultimate V11-2 Ton Series Specifications

Important Notice

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If this unit is a replacement unit, its specifications and performance may differ from those of the unit it is replacing. For that reason, we again strongly recommend that a professional engineer determine proper application.

Power Connection Requirements (Resistance Heat)

230-208 Volt		
Power Connection Kit	RAK320D	RAK330D
Heater BTU	11,770/9,629	17,060/13,952
Total Watts	3,568/2,940	5,118/4,207
Heater Watts	3,450/2,822	5,000/4,089
Total Heating Amps	15/13.6	21.7/19.7
MCA	20	30
Recommend Protective Device (MOCP)	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

GE AVVS Series -230-208V* Heat Pump With Backup Electric Heat & Corrosion Protected

AVVS24DCXWA

Voltage	230-208
Features	
Rated Cooling BTU	22,400
Cooling BTU Range (95F Outdoor)	5,200 - 24,000
Max Cooling BTU (115F)	20,200
Max Cooling BTU (75F)	27,800
EER2	8.9
SEER2	16.0
Cooling Watts	2,515
Cooling Amps	11.4
Sensible Heat Ratio (SHR)- Nominal Cool, High Fan	70%
Dehumidification (Pints Per Hour)- Nominal Cooling, High Fan	6.6
Makeup Air CFM	N/A
Refrigerant	R454b, 38.5 oz.
Indoor CFM @ 0.3 ESP (High Fan) Nominal Cooling	715
Heat Pump	
Rated Heat Pump BTU	21,600
Heating BTU Range @ 47F	5,000-23,000
HSPF2	7.7
Heat Pump COP2 @ 47F*	2.74
Heating BTU @ 17F	16,700
Heat Pump COP2 @ 17F	1.94
Heat Pump Watts	2,360
Heat Pump Amps	10.8
Case Dimensions	
Width (In.)	23-5/8
Depth (In.)	24-1/8
Height (In.)	31-7/8
Net Weight (Lbs.)	145
Approx. Ship. Weight (Lbs.)	155
Closet ID For Front Install (Min.)	29-5/8"W x 27-3/4"D
Closet Size For Side Install Using Full Door (Min.)	29-5/8"W x 29-3/4"D

*230V Performance Data Listed

Projected specifications – subject to change

Ultimate V11-1 Ton Series Specifications

GE AVVS Series-230-208V* Heat Pump With Backup Electric Heat & Corrosion Protected

AVVS12DCXWA

Voltage	230-208
Features	
Rated Cooling BTU	12,500
Cooling BTU Range (95F Outdoor)	5,200-16,200
Max Cooling BTU (115F)	11,200
Max Cooling BTU (75F)	20,000
EER2	12.0
SEER2	17.0
Cooling Watts	1,050
Cooling Amps	4.9
Sensible Heat Ratio (SHR)- Nominal Cool, High Fan	77%
Dehumidification (Pints Per Hour)- Nominal Cooling, High Fan	2.8
Refrigerant	R454b, 38.5 oz.
Indoor CFM (Hi/Low) (0.1 ESP)	500/480
Heat Pump	
Rated Heat Pump BTU	11,200
Heating BTU Range @ 47F	4,500-13,000
HSPF2	8.1
Heat Pump COP2 @ 47F*	3.5
Heating BTU @ 17F (Nominal/Max)	9,100
Heat Pump COP2 @ 17F (Nominal/Max)*	2.2
Heat Pump Watts	915
Heat Pump Amps	4.3
Case Dimensions	
Width (In.)	23-5/8
Depth (In.)	24-1/8
Height (In.)	31-7/8
Net Weight (Lbs.)	145
Approx. Ship. Weight (Lbs.)	155
Closet ID For Front Install (Min.)	29-5/8"W x 27-3/4"D
Closet Size For Side Install Using Full Door (Min.)**	29-5/8"W x 29-3/4"D

GE AVVS Series-265V Heat Pump With Backup Electric Heat & Corrosion Protected

AVVS12ECXWA

Voltage	265
Features	
Rated Cooling BTU	12,500
Cooling BTU Range (95F Outdoor)	5,200-16,200
Max Cooling BTU (115F)	11,200
Max Cooling BTU (75F)	20,000
EER2	12.0
SEER2	17.0
Cooling Watts	1,040
Cooling Amps	4.2
Sensible Heat Ratio (SHR)- Nominal Cool, High Fan	77%
Dehumidification (Pints Per Hour)- Nominal Cooling, High Fan	2.8
Refrigerant	R454b, 38.5 oz.
Indoor CFM (Hi/Low) (0.1 ESP)	500/480
Heat Pump	
Rated Heat Pump BTU	11,000
Heating BTU Range @ 47F	4,500-13,000
HSPF2	8.1
Heat Pump COP2 @ 47F*	3.5
Heating BTU @ 17F (Nominal/Max)	9,100
Heat Pump COP2 @ 17F (Nominal/Max)*	2.2
Heat Pump Watts	905
Heat Pump Amps	3.7
Case Dimensions	
Width (In.)	23-5/8
Depth (In.)	24-1/8
Height (In.)	31-7/8
Net Weight (Lbs.)	145
Approx. Ship. Weight (Lbs.)	155
Closet ID For Front Install (Min.)	29-5/8"W x 27-3/4"D
Closet Size For Side Install Using Full Door (Min.)	29-5/8"W x 29-3/4"D

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*230V Performance Data Listed

** See installation instructions for side installation details

Power Connection Requirements (Resistance Heat)

230-208 Volt			
Power Connection Kit	RAK315D	RAK320D	RAK330D
Heater BTU	8,360/6,838	11,770/9,629	17,060/13,952
Total Watts	2,568/2,122	3,568/2,940	5,118/4,207
Heater Watts	2,450/2,004	3,450/2,822	5,000/4,089
Total Heating Amps	10.7/9.6	15/13.6	21.7/19.7
MCA	15	20	30
Recommend Protective Device (MOCP)	15 Amp Time Delay Fuse Or Breaker	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

Power Connection Requirements (Resistance Heat)

265 Volt			
Power Connection Kit	RAK515D	RAK520D	RAK530D
Heater BTU	8,360	11,770	17,060
Total Watts	2,568	3,568	5,118
Heater Watts	2,450	3,450	5,000
Total Heating Amps	9.2	13	18.9
MCA	15	20	30
Recommend Protective Device (MOCP)	15 Amp Time Delay Fuse Or Breaker	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

Projected specifications – subject to change

New Energy Recovery Ventilator-Ultimate V11 only

RAK02ERV Energy Recovery Ventilator Accessory

For use with Zoneline® models:

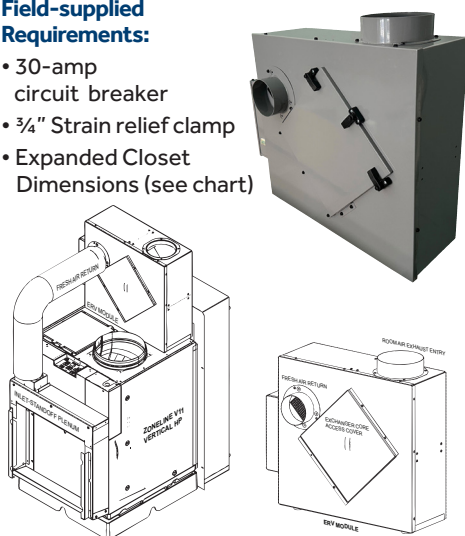
- 1-Ton AVVS12DCXWA
- 2-Ton AVVS24DCXWA

Special Accessories Required (purchased separately):

- Plenum: RAVWPT15C (for walls 8-15")
- ERV Plate Heat Exchanger: RAA02ERV

Field-supplied Requirements:

- 30-amp circuit breaker
- ¾" Strain relief clamp
- Expanded Closet Dimensions (see chart)



RAK02ERV

Description	ERV Module Kit – Vertical V11 Accessory
Finish	Module; Gray Powdercoat; Plenum: Gray Powdercoat; Fresh Air Duct: Unpainted, foil-faced
Modes	Manual On/Off Switch
Input Power	230-208VAC. Direct connect to unit power via included MC shielded cable
ERV FLA	0.65A
Electrical Rating	230-208V/60Hz, Single Phase/146.1W Motors Thermally Protected (ERV Ventilator only)
MCA (1 or 2-Ton V11)	30A
Fan Speeds	Single speed
Fresh Air Range	35-75 SCFM, 110 SCFM+ @ 0.0" Static Outlet
Sound Pressure (dBA)	62.5 (tested uninstalled, unducted)
Operating Range	-22°F to 125°F
Product Dimensions	20"W x 7"D x 21"H
Product Weight	32 lbs
Required Closet Dimensions	Reference VTAC Installation Manual for additional detail • VTAC Front Install type: 32"D x 29-5/8"W • VTAC Side Install Option 1 type: 34"D x 29-5/8"W • VTAC Side Install Option 2 type: 40"D x 34"W
AHRI Rating	Plate Heat Exchanger listed with AHRI 1060
Exchanger Core Efficiency (AHRI 1060)	62.8%
Exchanger Core Total Effectiveness	Summer: 52.9% @ 53 cfm, 47.9% @ 74 cfm, 59.4% @ 35cfm Winter: 57.2% @ 53 cfm, 52.3% @ 74cfm, 63.5% @ 35cfm

RAA02ERV Energy Recovery Ventilator Heat Exchanger

Required component, ordered separately, for use with the Zoneline Energy Recovery Ventilator Accessory Kit, RAK02ERV

RAA02ERV

Description	ERV Module Heat Exchanger Core
Fresh Air Range	35-75 SCFM, 110 SCFM+ @ 0.0" Static Outlet
Design Recommended Airflow	54 cfm
Product Width	9.8 inches
Product Depth	7.1 inches
Product Height	9.8 inches
Product Weight	2 lbs
AHRI Rating	Plate Heat Exchanger rated in accordance with AHRI 1060
EATR (Exhaust Air Transfer Ratio)	0.5%
OACF (Outdoor Air Correction Factor)	1.0
Exchanger Core Efficiency (AHRI 1060)	62.8%

54 CFM

Effectiveness %		
Conditions	Summer Outdoor/Return 95F, 42%RH/80, 1F, 49%RH	Winter Outdoor/Return 32F, 80%RH/70F, 46%RH
Sensible	62.9	
Latent	45.2	
Total	52.9	57.2
Pressure Drop (inches W.C.)		
Path	Supply, 0.053	Exhaust, 0.196

75 CFM

Effectiveness %		
Conditions	Summer Outdoor/Return 95F, 42%RH/80, 1F, 49%RH	Winter Outdoor/Return 32F, 80%RH/70F, 46%RH
Sensible	58.3	
Latent	39.8	
Total	47.9	52.3
Pressure Drop (inches W.C.)		
Path	Supply, 0.078	Exhaust, 0.261

54 CFM

Effectiveness %		
Conditions	Summer Outdoor/Return 95F, 42%RH/80, 1F, 49%RH	Winter Outdoor/Return 32F, 80%RH/70F, 46%RH
Sensible	68.8	
Latent	52.2	
Total	59.4	63.5
Pressure Drop (inches W.C.)		
Path	Supply, 0.033	Exhaust, 0.142

Projected specifications – subject to change

Ultimate V10-All Sizes Specifications

GE AVES Series- 230-208V* Cooling With Electric Heat & Corrosion Protected

Important Notice

Equipment used as a primary source for heating or cooling is an integral part of the building in which it is installed. Proper application is essential for satisfactory performance over a wide range of operating conditions. It is strongly recommended that a professional engineer determine proper application.

If this unit is a replacement unit, its specifications and performance may differ from those of the unit it is replacing. For that reason, we again strongly recommend that a professional engineer determine proper application.

	AVES09DCXXA	AVES12DCXXA	AVES18DCXXA
Voltage	230-208	230-208	230-208
Features			
Rated Cooling BTU	8900	12,500	17,300
208V Cooling BTU	8800	12,400	17,200
EER2	12.1/12.0	11.8/11.7	10.9/10.9
SEER2	14.3/14.0	12.8/12.8	12.1/12.0
HSPF2	NA	NA	NA
Cooling Power (W)	735/750	1060/1075	1575/1585
Cooling Power (A)	3.7/3.5	5.6/5.2	8.1/7.4
Sensible Heat Ratio (SHR)	76%	72%	74%**
Dehumidification (Pints Per Hour)	1.8	3.1	4.2**
Refrigerant	R454B	R454B	R454B
Indoor CFM (Hi/Low) (0.1 ESP)	420/390	480/440	580/540
Case Dimensions			
Width (In.)	23-5/8	23-5/8	23-5/8
Depth (In.)	24-1/8	24-1/8	24-1/8
Height (In.)	31-7/8	31-7/8	31-7/8
Net Weight (Lbs.)	119	127	141
Approx. Ship. Weight (Lbs.)	132	140	154
Clearance For Front Install (Min.)	3" On All Sides	3" On All Sides	3" On All Sides
Clearances For Side Install (Min.)	5" To Front, 3" On Sides	5" To Front, 3" On Sides	5" To Front, 3" On Sides

** 18K Dehum Rate and SHR data acquired using medium fan speed. All other models show low fan speed data.

Power Connection Requirements (Resistance Heat)

230-208 Volt	9,000 & 12,000 BTU			18,000 BTU***	
Power Connection Kit	RAK315D	RAK320D	RAK330D	RAK320D	RAK330D
Heater BTU	8,360/6,838	11,770/9,629	17,060/13,952	11,770/9,629	17,060/13,952
Total Watts	2,568/2,122	3,568/2,940	5,118/4,207	3,568/2,940	5,118/4,207
Heater Watts	2,450/2,004	3,450/2,822	5,000/4,089	3,450/2,822	5,000/4,089
Total Heating Amps	10.7/9.6	15/13.6	21.7/19.7	15/13.6	21.7/19.7
MCA	15	20	30	20	30
Recommend Protective Device (MOCP)	15 Amp Time Delay Fuse Or Breaker	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker	20 Amp Time Delay Fuse Or Breaker	30 Amp Time Delay Fuse Or Breaker

***There is no 15 amp breaker option available for the 18,000 BTU models due to compliance with UL standard 60335-2-40

Projected specifications – subject to change

Accessories

The GE Zonline® VTAC Series system requires a set of essential accessories for proper operation.



RAK191VF2
Energy Management
Thermostat
2-Way Communication
AZV/AHZ/AZE models



RAK149F2
Non-Programmable
Thermostat
Compatible with
V10 models



RAK160W2
Wireless
Thermostat
Compatible with
V10 models



Power Connection



**Insta-Platform™
(RAVDPLAT)**



RAK151VP2
Energy Management
Thermostat
2-Way Communication
AZV/AHZ/AZE models



RAK149P2
Programmable
Thermostat
Compatible with
V10 models



RAK180W1
Wireless Energy
Management
Thermostat
Compatible with
V10 models



**Wall Plenum
RAVWPT9, RAVWPT15**
UltimateV10, V11



**Wall Plenum
RAVWPT15B**
Cutout: 24"W X 40"H
UltimateV12

Recommend 2-way thermostat connections for optimum inverter performance



**18" x 20" x 1" Filter Included
With Unit Chassis**

**RAA13V
Merv 13 Filter**
(Optional, UltimateV12)



**Grille
(RAVAL3)**
UltimateV10, V11



**Grille
(RAVAL4)**
UltimateV12



**Access Panel With Return
Air Grille AZ95 & AZ9V
with Cam Locks
(RAVRG4B)
Cutout:
28-1/8"W X 55-7/8"H**

Complete Accessory List (Must Be Ordered Separately)

Kit Number	Description
RAA02ERV	Core to fit in ERV Ventilator Kit (RAK01ERV and RAK02ERV) for V11
RAA13V	MERV 13 makeup air filter-for V12 models only
RAK02ERV	Energy Recovery Ventilator Kit for V11
RAK149F2	Non-programmable thermostat-for V10 models only
RAK149P2	Programmable thermostat-for V10 models only
RAK151VP2	2-Way Communication Configuration Thermostat AZV/AZH/AZE
RAK160W2	Wireless thermostat-for V10 models only
RAK180W1	Wireless energy management thermostat-for V10 models only
RAK191VF2	2-Way Communication Configuration Thermostat AZV/AZH/AZE
RAK315D	230-208 volt direct connect power supply kit, 2.45/2 kW heat, 15 amp (Not for use with 18k or 2-ton units)
RAK320D	230-208 volt direct connect power supply kit, 3.45/2.82 kW heat, 20 amp
RAK330D	230-208 volt direct connect power supply kit, 5/4.08 kW heat, 30 amp
RAK515D	265-volt universal direct connect power supply kit, 2.45 kW heat, 15 amp
RAK520D	265-volt universal direct connect power supply kit, 3.45 kW heat, 20 amp
RAK530D	265-volt universal direct connect power supply kit, 5 kW heat, 30 amp
RAVAL3	Exterior grille-for V10 and V11 models
RAVAL4	Exterior grille-for V12 models
RAVRG2B	Return air grille for flush door
RAVRG4B	Access panel with return air grille with cam locks. Custom color and width options available
RAVTRANS1CO	Transition plenum (select First Company VTACs to a V10 / V11 / V12 Series)
RAVTRANS2	Transition plenum (AZ75 / AZ85 or Islandaire EZVP to a V10 / V11 / V12 Series)
RAVTRANS3	Transition plenum (AZ90/91 to AZ95 or Friedrich VHA/VEA, and Amana AVH series 8" or less plenum depth)
RAVTRANS4	Transition plenum (AZ90/91 to AZ95 or Friedrich VHA/VEA, and Amana AVH series 8" or more plenum depth)
RAVTRANSMPK2	Transition kit to MagicPak 2-Ton M Series. Coming Soon
RAVTRANSVRPB	Transition kit to Freidrich VRPXPB-8/14 plenum. Coming Soon
RAVWPT9	Wall plenum-for V10 and V11 models, for walls up to 9" thick
RAVWPT15	Wall plenum-for V10 and V11 models, for walls 8-15" thick
RAVWPT15B	Wall plenum for walls 8"-deep to 15" thick-for V12 models only
RAVDPLAT	Insta-Platform™
SHCM10PK/ SHCM10PKC	SmartHQ™ connect module - (10 pack)

The Selmer Story

Building Something Great

GE Appliances has expanded its production of VTAC product in 2021, with a 5-million-dollar investment and adding positions to the plant in Selmer, TN.

The goal is to provide vital solutions to the current environment and overall air quality. Adding break through Inverter Technology and Makeup Air improves efficiency and energy usage. SmartHQ™ WiFi connection and quick diagnostic capabilities heighten the owner and guest experience.

Designed, engineered and assembled in the U.S., ZONELINE® VTACS are manufactured with one purpose in mind—**building something great!**



"Every VTAC that leaves Selmer is built with precision and pride."



"Building and assembling the Vertical Zoneline is my contribution to improving air quality and the environment."

Providing Support

To see all the Zonline Product & Training videos,
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for your PTAC

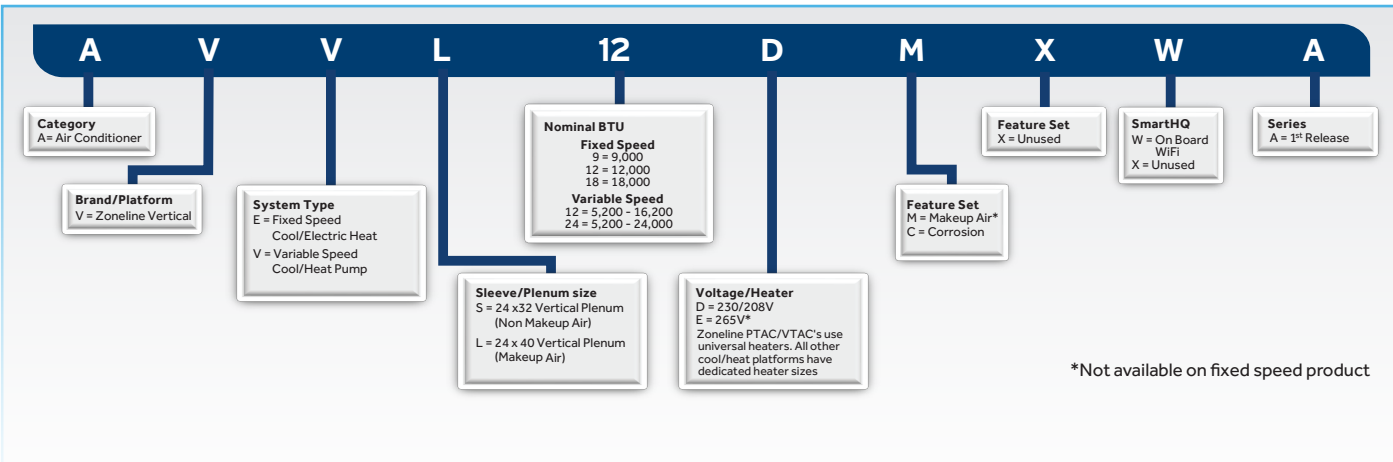
How to Clean and Maintain
your Zonline

Warranty Information

For ordering information, contact us at: Hospitality.direct@geappliances.com



Nomenclature & Warranty



For The Period Of GE Appliances Will Replace

One Year

From the date of the original purchase

Any part of the air conditioner which fails due to a defect in materials or workmanship. During this limited one-year warranty, GE will provide, free of charge, all labor and related service costs to replace the defective part.

Five Years

From the date of the original purchase

Sealed Refrigerating System—if any part of the Sealed Refrigerating System (the Compressor, Condenser, Evaporator, Reversing Valve, Expansion Device, and all connecting tubing) should fail due to a defect in materials or workmanship. During this limited five-year warranty, GE will provide, free of charge, all labor and related service costs to replace the defective part.

Second Through Fifth Year

From the date of the original purchase

Fan Motors, Switches, Heater, Heater Protectors, Solenoids, Expansion Device Motors, Circuit Boards, Auxiliary Controls, Thermistors, Freeze Sentinel, Frost Controls, ICR Pump, Capacitors, Varistors, Indoor Blower Bearing, Makeup Air Fan, and Makeup Air Damper Door System, if any of these parts should fail due to a defect in materials or workmanship. During this additional four-year limited warranty, GE will provide the replacement part free of charge. The customer will be responsible for any labor and related service costs.



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